



**DEPARTMENT OF SOFTWARE ENGINEERING**

**Lab 8**

**Submitted to :**

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**Course title:**

Cloud computing

**Submission Date:**

November 08, 2023

## CREATE AND CONNECT TO VIRTUAL MACHINE OF WINDOWS IMAGE ON AZURE CLOUD.

### Azure services



### Resources

Recent

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Name

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## Virtual machines

Default Directory (marriamfatima1234gmail.onmicrosoft.com)

+ Create ▾ ⇄ Switch to classic ⌚ Reservation



### Azure virtual machine

Create a virtual machine hosted by Azure



### Azure virtual machine with preset configuration

Create a virtual machine with presets based on your workloads



### Azure Arc virtual machine

Create a new Azure Arc virtual machine in one of your non-Azure environments



### Azure VMware Solution virtual machine

Create a VMware virtual machine hosted by Azure

## Create a virtual machine ...

### Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ	<input type="text" value="Azure for Students"/>
Resource group * ⓘ	<input type="text" value="(New) Tanzeela"/>

[Create new](#)

### Instance details

Virtual machine name * ⓘ	<input type="text" value="VM1"/>
Region * ⓘ	<input type="text" value="(US) East US"/>
Availability options ⓘ	<input type="text" value="Availability zone"/>
Availability zone * ⓘ	<input type="text" value="Zones 1"/>

 You can now select multiple zones. Selecting multiple zones will create one VM

### Administrator account

Username * ⓘ	<input type="text" value="mariam"/>
Password * ⓘ	<input type="password" value="....."/>
Confirm password * ⓘ	<input type="password" value="....."/>

### Inbound port rules

Select which virtual machine network ports are accessible from the public internet. You can specify more limited or granular network access on the Networking tab.

Public inbound ports \* ⓘ

- ☐ None
- ☒ Allow selected ports

Select inbound ports \*

RDP (3389) ✓

**i** All traffic from the internet will be blocked by default. You will be able to change inbound port rules in the VM > Networking page.

**Review + create**

< Previous

Next : Disks >

[Home](#) > [Virtual machines](#) >

## Create a virtual machine ...

✓ Validation passed

Basics   Disks   Networking   Management   Monitoring   Advanced   Tags   **Review + create**

**i** Cost given below is an estimate and not the final price. Please use [Pricing calculator](#) ⓘ for all your pricing needs.

Price

1 X Standard B2s  
by Microsoft  
[Terms of use](#) | [Privacy policy](#)

Subscription credits apply ⓘ

**0.0528 USD/hr**

[Pricing for other VM sizes](#)

Home > **CreateVm-MicrosoftWindowsServer.WindowsServer-201-20231127092050** | Overview ⚙️ ...

Deployment

Search << Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

Deployment is in progress

Deployment name: CreateVm-MicrosoftWindowsServer.WindowsSe... Start time: 11/27/2023, 9:31:45 AM  
Subscription: Azure for Students Correlation ID: 5d4ca2f8-9203-44f0-b63f-6780853a5e68

Resource group: mariam

Deployment details

Resource	Type	Status	Operation details
VM1	Microsoft.Compute/virtualMachines	Created	<a href="#">Operation details</a>
vm1349	Microsoft.Network/networkInterfa...	Created	<a href="#">Operation details</a>
VM1-ip	Microsoft.Network/publicIpAddre...	OK	<a href="#">Operation details</a>
VM1-vnet	Microsoft.Network/virtualNetworks	OK	<a href="#">Operation details</a>
VM1-nsg	Microsoft.Network/networkSecuri...	OK	<a href="#">Operation details</a>

Give feedback  
[Tell us about your experience with deployment](#)

## Deployment is Complete

Home > **CreateVm-MicrosoftWindowsServer.WindowsServer-201-20231127092050** | Overview ⚙️ ...

Deployment

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Overview

Inputs

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✓ Your deployment is complete

Deployment name: CreateVm-MicrosoftWindowsServer.WindowsSe... Start time: 11/27/2023, 9:31:45 AM  
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Resource group: mariam

Deployment details

Next steps


[Setup auto-shutdown](#) Recommended


[Monitor VM health, performance and network dependencies](#) Recommended

[Run a script inside the virtual machine](#) Recommended

[Go to resource](#) [Create another VM](#)

Give feedback  
[Tell us about your experience with deployment](#)


	<b>Networking</b>
Public IP address	20.219.137.47 ( Network interface <a href="#">vm1349</a> )
Public IP address (IPv6)	-
Private IP address	10.0.0.4
Private IP address (IPv6)	-
Virtual network/subnet	<a href="#">VM1-vnet/default</a>
DNS name	<a href="#">Configure</a>

 Run

Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.

Open:

Remote Desktop Connection

 **Remote Desktop Connection**

Computer:

User name: None specified

You will be asked for credentials when you connect.

Microsoft Azure

Search resources, services, and docs (G+/)

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VM1

Virtual machine

Search

<<

Connect

Start

Restart

Stop

Hibernate (preview)

Capture

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Networking

Connect

Essentials

Resource group (move) : [mariam](#)

Status : Running

Location : Central India

Subscription (move) : [Azure for Students](#)

Subscription ID : e009f2e5-5821-4b9f-a72b-7c3dbdacd342

Tags (edit) : [Add tags](#)

Connecting using

Public IP address | 20.219.137.47

▼

Public IP address | 20.219.137.47

Private IP address | 10.0.0.4